

## POWER OF ATTORNEY

On behalf of Colorado State University Research Foundation, a Colorado non-profit organization having a principal place of business at P.O. Box 483, Fort Collins, Colorado 80522, being the assignee of and owning a one-half, undivided right, title and interest in the invention entitled "METHODS FOR ENHANCING IMMUNE RESPONSES IN MAMMALS", for which application for Letters Patent of the United States has been made by Mark D. Howell, Cheryl L. Selinsky, and Leland C. Leber, said application having been filed on November 20, 1999, receiving Serial No. 09/444,144, and further identified as Attorney File No. 4369-1, I, Arundeeep S. Pradhan,

of Colorado State University Research Foundation, hereby appoint David F. Zinger, Registration No. 29,127; Craig C. Groseth, Registration No. 31,713; Michael L. Tompkins, Registration No. 30,980; Sabrina C. Stavish, Registration No. 33,374; Todd P. Blakely, Registration No. 31,328; Lewis D. Hansen, Registration No. 35,536; Joseph E. Kovarik, Registration No. 33,005; Gary J. Connell, Registration No. 32,020; Wannell M. Crook, Registration No. 31,071; Douglas W. Swartz, Registration No. 37,739; Bruce A. Kugler, Registration No. 38,942; Robert R. Brunelli, Registration No. 39,617; Richard L. Hughes, Registration No. 31,264; Tejpal S. Hansra, Registration No. 38,172; Dana Hartje Cardwell, Registration No. 40,638; Angela Dallas-Pedretti, Registration No. 42,460; Benjamin B. Lieb, Registration No. 42,801; Bradley M. Knepper, Registration No. 44,189; Miriam Drickman Trudell, Registration No. 42,499; Dennis J. Dupray, Registration No. 46,299, and Todd M. Petersen, Registration No. 45,580, of SHERIDAN ROSS P.C., 1560 Broadway, Suite 1200, Denver, Colorado 80202-5141, telephone number (303) 863-9700, as attorneys and agents for Colorado State University Research Foundation with full powers of substitution, association and revocation to prosecute the application and related U.S. and foreign applications and to transact all business in the United States Patent and Trademark Office and all foreign and international patent offices connected therewith.

Colorado State University Research Foundation certifies that it is the assignee of a one-half, undivided right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above, a copy of which is attached. The undersigned has reviewed the assignment of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: January 4, 2001

By: 

Name: Arundeeep S. Pradhan

Title: Director of Technology Transfer

## ASSIGNMENT

WHEREAS, we, Mark D. Howell of 608 Langdale Drive, Fort Collins, Colorado 80526, Cheryl L. Selinsky of 451 Boardwalk, #1108, Fort Collins, Colorado 80526, and Leland C. Leber of 5257 Fox Hills Drive, Fort Collins, Colorado 80526, have invented a certain new and useful invention entitled "METHOD FOR ENHANCING IMMUNE RESPONSES IN MAMMALS," for which an application for Letters Patent of the United States has been prepared and filed on November 20, 1999, receiving Serial No. 09/444,144, and further identified as Attorney File No. 4369-1;

NOW THEREFORE, be it known that we, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignees do sell, assign and transfer unto each of said assignees, CytoLogic, LLC, Centre for Advanced Technology, 2401 Research Blvd., Suit 205, Fort Collins, Colorado 80526, and Colorado State University Research Foundation, P.O. Box 483, Fort Collins, Colorado 80522, their successors, legal representatives and assigns a one-half, undivided interest in and to the aforesaid application for the territory of the United States of America and all regular utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign to each of CytoLogic, LLC and Colorado State University Research Foundation, a one-half, undivided right, title or interest in and to the invention which has not already been transferred to the assignees; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than CytoLogic, LLC and Colorado State University Research Foundation, and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignees hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignees' exclusive ownership of the invention, but at the expense of said assignees.

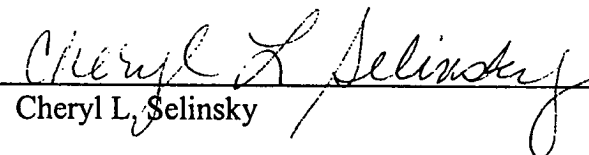
The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent in accordance with the terms of this Assignment, to CytoLogic, LLC and Colorado State University Research Foundation, their successors, legal representatives and assigns, as the assignees each of a one-half, undivided right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

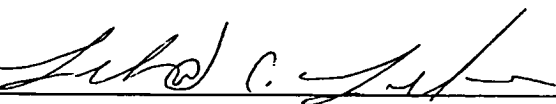
Date: 12-15-00

By:   
Mark D. Howell

Date: 12-15-00

By:   
Cheryl L. Selinsky

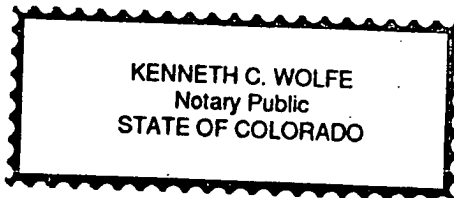
Date: Dec 15, 2000

By:   
Leland C. Leber

[illegible]

Before me, a Notary Public in and for said County and State, personally appeared Mark D. Howell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 15<sup>th</sup> day of December, 2000.



Gerrit C Wolfe

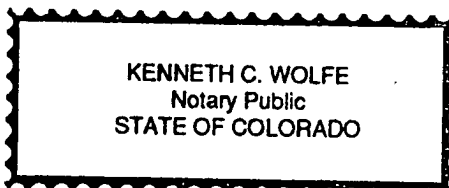
**Notary Public**

My commission expires: 7-10-2004

[illegible]

Before me, a Notary Public in and for said County and State, personally appeared Cheryl L. Selinsky, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 15<sup>th</sup> day of December, 2000.



Kesmin Cwape

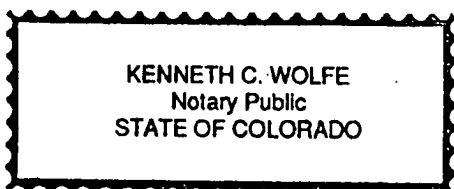
**Notary Public**

My commission expires: 7-10-2004

[illegible]

Before me, a Notary Public in and for said County and State, personally appeared Leland C. Leber, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 15<sup>th</sup> day of December, 2000.



Kessrin C Warpe

**Notary Public**

My commission expires: 7-10-2004